

SPECIFICATIONS

Model	FinePix F50fd
Number of effective pixels*1	12 million pixels
CCD sensor	1/1.6-inch Super CCD HR
Storage media	Internal memory (approx. 25MB) / xD-Picture Card™ (16MB - 2GB) / SD memory card / SDHC memory card*2
File format	Still image: JPEG (Exif Ver 2.2**3) Movie: AVI (Motion JPEG) with sound / Audio: WAVE format, Monaural sound (Design rule for Camera File system compliant / DPOF-compatible)
Number of recorded pixels	Still image: 4,000×3,000 / 4,224×2,816 (3:2 format) / 2,848×2,136 / 2,048×1,536 / 1,600×1,200 / 640×480 pixels
Lens	Fujinon 3× Optical zoom lens, F2.8 - F5.1
Lens focal length	f=8.0mm - 24.0mm, Equivalent to 35 - 105mm on a 35mm camera
Digital zoom	Approx. 8.2× (max)
Aperture	F2.8 - F8
Focus distance	Normal: Wide Angle: Approx. 45cm to infinity    Telephoto: Approx. 60cm to infinity Macro: Wide Angle: Approx. 7cm to 80cm    Telephoto: Approx. 30cm to 80cm
Sensitivity	Auto / Auto(1600) / Auto(800) / Auto(400) / Equivalent to ISO 100/200/400/800/1600/3200/6400(Standard Output Sensitivity) ISO3200: Number of recorded pixels: 6M pixels or lower    ISO6400: Number of recorded pixels: 3M pixels or lower
Exposure control	TTL 256-zones metering
Exposure mode	Programmed AE, Aperture Priority AE, Shutter Priority AE
Shooting modes	Mode dial: Auto, Natural Light, Natural Light & with Flash, SP1, SP2, A/S (Aperture or Shutter priority AE), M (Manual), Movie SP1/SP2: Portrait, Portrait Enhancer, Landscape, Sport, Night, Fireworks, Sunset, Snow, Beach, Underwater, Museum, Party, Flower, Text
Image Stabilizer	CCD-shift type
Shutter speed	8 sec. to 1/2000 sec. (depends on Shooting mode)
Continuous shooting	1. Top-3 (max 2 frames/sec) High-speed Top-12 (max 5 frames/sec, 3M pixels or lower) 2. Final-3 (max 2 frames/sec) High Speed Final-12 (max 5 frames/sec, 3M pixels or lower) 3. Long-period (max 0.5 frames/sec)
Focus	Auto focus (Area, Multi, Center) / Continuous AF, AF assist illuminator available
White balance	Automatic scene recognition Preset (Fine, Shade, Fluorescent light (Daylight), Fluorescent light (Warm White), Fluorescent light (Cool White), Incandescent light), Custom
Self-timer	Approx. 10 sec. / 2 sec. delay
Flash	Auto flash Effective range: (ISO AUTO): Wide-angle: approx. 0.6m - 4.4m / 2.0ft - 14.4ft Telephoto: approx. 0.6m - 2.4m / 2.0ft - 7.9ft Macro: approx. 0.3m - 0.8m / 1.0ft - 2.6ft  Flash mode Red-eye removal OFF: Auto, Forced Flash, Suppressed Flash, Slow Synchro. Red-eye removal ON: Red-eye Reduction Auto, Red-eye Reduction & Forced Flash, Suppressed Flash, Red-eye Reduction & Slow Synchro.
LCD monitor	2.7-inch, approx. 230,000 pixels, Amorphous silicon TFT color LCD monitor, approx. 100% coverage
Movie recording	640 x 480 pixels / 320 x 240 pixels (25 frames/sec.) with monaural sound *Zoom function cannot be used during movie recording.
Photography functions	Face Detection (with Red-eye removal), Performance, Best framing, Frame No. memory
Ir Communication	Ir Simple™ / Ir SS™
Playback functions	Face Detection (with Red-eye removal), Slide show, Trimming, Single frame, Multi-frame playback including Micro thumbnail mode, Sorting by date, Image rotate, Voice Memo
Video output	NTSC / PAL selectable
Digital Interface	USB High-speed
Power supply	NP-50 Li-ion battery (included) / CP-50 with AC power adapter AC-5VX (sold separately)
Dimensions	92.5 (W) × 59.2 (H) × 22.9 (D) mm / 3.6 (W) × 2.3 (H) × 0.9 (D) in. (excluding accessories and attachments)
Weight	Approx. 155g / 5.4oz. (excluding accessories, batteries and memory card)

Number of images / recording time

Mode	Still image							Movie	
	4,000×3,000	4,224×2,816 (3:2)	2,848×2,136	2,048×1,536	1600×1200	640×480			
Number of recorded pixels									
Quality	JPEG FINE	JPEG NORMAL	JPEG	JPEG	JPEG	JPEG	JPEG	VGA (25fps)	QVGA (25fps)
Internal Memory (25MB)	5	8	8	16	32	40	200	26 sec.	52 sec.
xD-Picture card	DPC-256 (256MB)	54	86	87	169	325	409	1997	4.5 min.
	DPC-512 (512MB)	108	173	174	339	651	818	3993	8.9 min.
	DPC-1024 (1GB)	217	347	349	680	1305	1639	7995	17.7 min.
	DPC-2048 (2GB)	434	695	695	1360	2558	3198	15992	35.4 min.
SD memory card	512MB	104	167	168	328	631	793	3867	8.7 min.
	1GB	210	336	338	658	1264	1588	7745	17.1 min.
	2GB	421	673	673	1319	2480	3100	15501	34.3 min.
SDHC memory card	4GB	843	1348	1348	2640	4963	6204	31024	68.6 min.
	8GB	1677	2681	2681	5248	9867	12334	61672	137.3 min.*

Actual number of frames and recording time varies depending on the types of Memory Card or shooting condition.  
\*A movie recording will stop automatically when the movie file size becomes approx. 2GB.

\*1: Number of effective pixels: The number of pixels on the image sensor which receive input light through the optical lens, and which are effectively reflected in the final output data of the still image.  
\*2: Please see the Fujifilm website to check memory card compatibility.  
\*3: Exif 2.2 is a newly revised digital camera file format that contains a variety of shooting information for optimal printing.  
\*4: \*CIPA DC-002-2003 "Standard Procedure for Measuring Digital Still Camera Battery Consumption" (extract) Pictures shall be taken at a temperature of 23°C, with the LCD monitor turned on, the zoom moved from full wide-angle to full telephoto (or vice-versa) and back again to its original position every 30 seconds, the flash used at full power every second shot and the camera turned off and then on again once every 10 shots.

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COLOR VARIATIONS



Silver



Black

OPTIONAL ACCESSORIES

Li-ion battery  
NP-50



xD-Picture Card™

- DPC-M256 / DPC-H256 (256MB)
- DPC-M512 / DPC-H512 (512MB)
- DPC-M1GB / DPC-H1GB (1GB)
- DPC-M2GB / DPC-H2GB (2GB)

Waterproof Case WP-FXF50

PC Card Adapter DPC-AD

CompactFlash™ Card Adapter DPC-CF

AC Power Adapter AC-5VX

Battery Charger BC-50

DC coupler CP-50

Accessory availability may vary by country.  
Please check with your local Fujifilm representative to confirm product availability.

ACCESSORIES INCLUDED

- Li-ion battery NP-50
- Battery Charger BC-50
- Hand Strap
- USB cable for the FinePix F50fd
- A / V cable for the FinePix F50fd
- CD-ROM: FinePixViewer
- Owner's Manual

Guide to the number of available frames for battery operation

Battery	LCD monitor status	Number of frames
NP-50	LCD monitor ON	approx. 230 frames

The number of frames per charge will decrease in Quick AF / Clear Display mode.

According to the Camera & Imaging Products Association (CIPA) standards\*4. The battery (NP-50) is supplied with the camera.



Specifications are subject to change without notice.

For more information, please visit our Website:  
[http://www.fujifilm.com/products/digital\\_cameras/index.html](http://www.fujifilm.com/products/digital_cameras/index.html)

FUJIFILM

DIGITAL CAMERA

FinePix F50fd  
NEW



The “smart” compact  
for moments too priceless to miss.



12M Super CCD

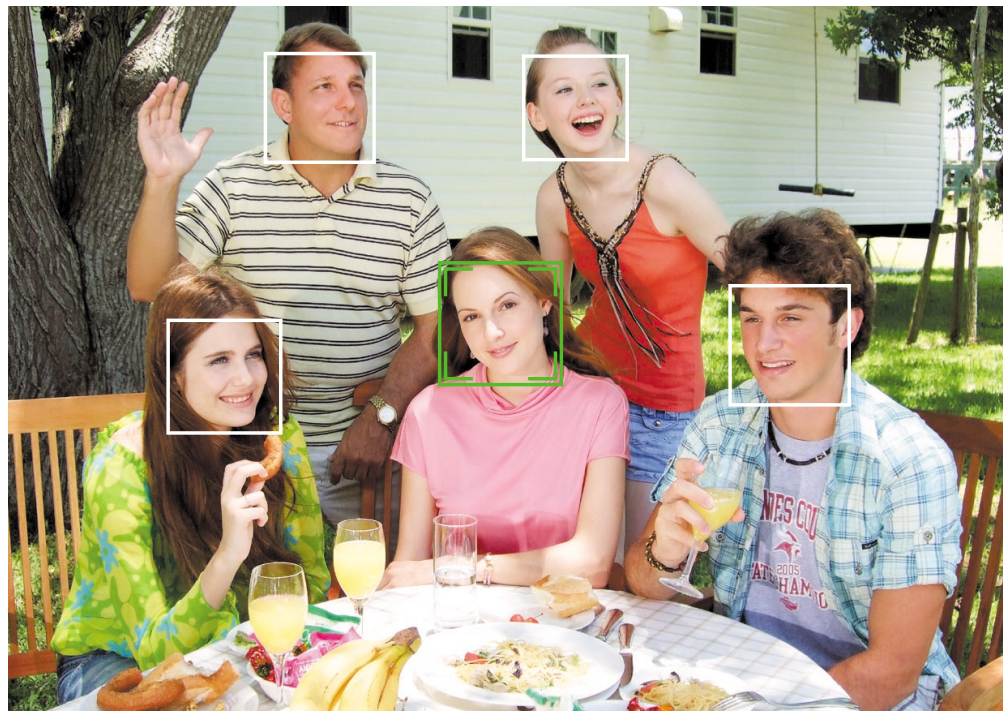
Face Detection 2.0

((( ))) Dual IS (Image Stabilization)



# **Face Detection 2.0 – Full of New Features**

Latest Face Detection Technology Finds Faces at Almost Any Angle.

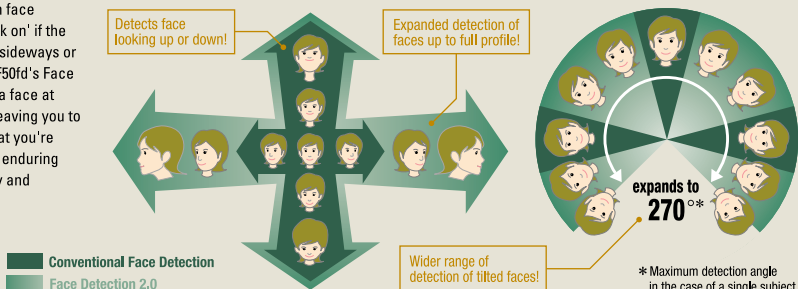


With the expanded range of Face Detection 2.0, every face is clear and bright! It finds faces even if tilted or in full profile, and optimizes focus and brightness. You just frame the shot, press the shutter and enjoy the beautiful results.

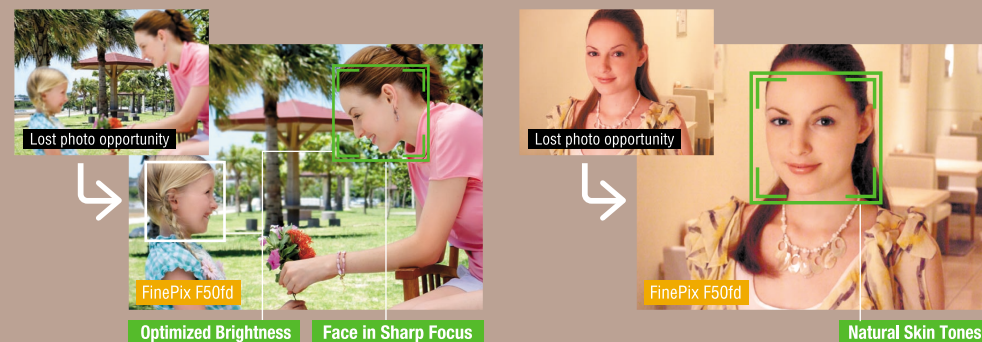


## The F50fd Gives a New Extended Range of Face Detection.

Other cameras with face detection can't 'lock on' if the subject has turned sideways or is lying down. The F50fd's Face Detection 2.0 finds a face at almost any angle, leaving you to concentrate on what you're good at - capturing enduring memories of beauty and expression.

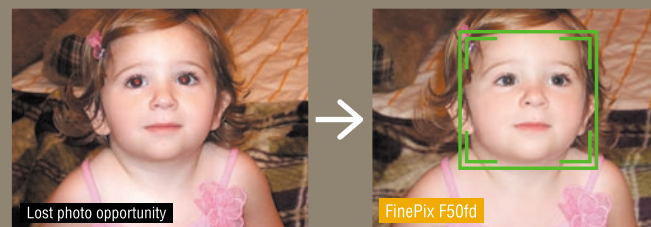


## Get Stunning Results with auto optimization.



New Face Detection 2.0 does all the work in an instant, leaving you free to frame and snap those fleeting family moments. This next-generation technology not only finds and focuses the faces with precision, but it also optimizes exposure for bright natural faces and even enhances tonal quality by setting the ideal white balance.

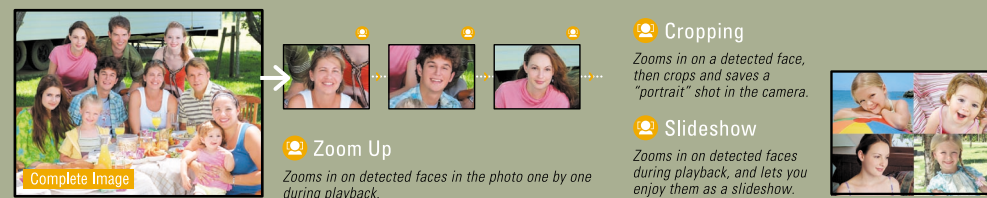
## Ban Red Eye from your pictures for ever.



Red eye is one of the biggest reasons why one's best pictures are ruined. The F50fd employs impressive technology to instantly and automatically correct ugly red eye either as the shot is taken or in playback. Your precious little devils will be turned into darling little angels!

## Up to 10 Faces detected almost instantly.

With Face detection, group photos are not only easier to shoot but also more fun when you play them back. You just frame the shot, and Face Detection does the work, simultaneously and accurately finding up to 10 faces for bright, clear results. During playback of group portraits, you can "Zoom Up" on detected faces and check them one by one. If you find a priceless expression, Face Detection and high resolution are ready to automatically "Crop" and save a "portrait" of the detected face.

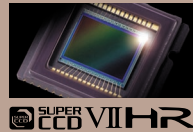






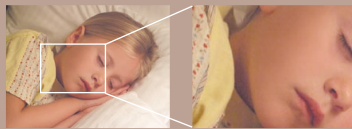
## 12 Megapixels Canvas Captures Every Curl and Dimple.

Fujifilm's proprietary Super CCD technology delivers a stunning 12 megapixel resolution, enabling you to crop or enlarge part of your picture without loss of quality.



## Higher Sensitivity without the Noise

The F50fd's high sensitivity sensor and processor doesn't need to rely on flash for those precious family pictures. Double noise reduction identifies, separates and removes noise from the picture to give clear, sharp results even in a dark scene.



## (((Hand))) Dual IS (Image Stabilization)

High Sensitivity + CCD Shift Image Stabilization

Low-light pictures are so often spoilt in conventional cameras by image blur. The F50fd employs a dual image stabilization system to give crisp results every time. High sensitivity allows you to use a fast shutter speed to freeze the action, while CCD shift image stabilization automatically compensates for camera shake. Ban blur from your camera!



Super CCD

Gyro-Sensor

Image Stabilization Chip



The Gyro-Sensor detects the amount of blur and the Image Stabilization Chip calculates how much correction is needed. Based on the result, the CCD is shifted to compensate for camera shake.



*Take home a beautiful family memory  
with Real Photo Technology.*

**ISO 6400** means so many more great pictures in difficult conditions.

In scenes where photos previously came out too dark or ruined by blur, high sensitivity in combination with easy-to-use functions makes it possible to take great photos in more situations.

\* ISO1600 at full 12MP resolution / ISO3200 at 6MP or lower / ISO6400 at 3MP or lower



Conventional digital camera



FinePix F50fd



First Shot

Without flash (Natural Light)



Second Shot

With Intelligent Flash

## Intelligent Flash plus Higher Sensitivity

Say goodbye to flash washout and dark backgrounds! With automatic setting of the ideal balance of flash output and sensitivity, you capture both foreground subjects and background in beautiful bright detail.

## N Natural Light & with Flash

Can't decide whether it's best to use flash? Choose this mode, press the shutter and automatically capture the same scene twice: once with high sensitivity and natural light, and the second time with Intelligent Flash. Later choose one or keep both!



## 5fps "Burst" Continuous mode

The F50fd allows you to shoot up to 12 frames in a burst\* (at 5 frames per second) in continuous mode, even if the subject is moving. Then, later, find that one perfect shot to treasure for ever.

\*at 3MP or lower





## Micro Thumbnail View

View and select from up to 100 photos at a time displayed in a 10x10 array. With the high resolution LCD, it is so easy to scan the micro images and find the photos you want to share with friends and family.

# 2.7-inch 230,000 Pixels LCD

Large, high resolution display makes it easy to compose the picture and ideal for instant playback. The 2.7" LCD is also perfect to display the new, intuitive menu system.

## Beautiful "Aero" Form

The graceful curves and sleek design belie the complex electronics within the F50fd's tough metal exterior. At a depth of only 22.9mm, it's a perfect fit for a pocket or handbag. Available in two colors, silver and black.



## Wide View Film

Most LCDs have to be viewed from directly behind the camera to get a clear image. With Fujifilm's proprietary Wide View Film, the LCD can be viewed from oblique angles, which really helps with image playback to friends or composing picture above your head or at waist level.

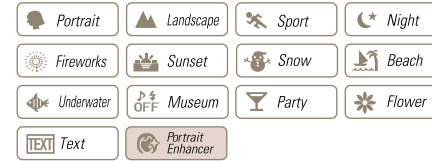


## Easy-Select Shooting Modes

Choose a shooting mode that matches the situation and you are ready with the ideal settings for everything from shutter speed and exposure to white balance.

**Mode Dial** AUTO SP1 SP2

**Scene Position**



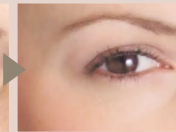
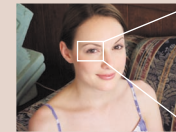
Underwater

\*Please use the waterproof case sold separately.



Night

Fingertip control of the vertical mode dial and the streamlined user interface make F50fd a pleasure to use.



Portrait Enhancer Mode



## Portrait Enhancer Mode

NEW

Give your portraits silky smooth skin tones and soft look with Portrait Enhancer mode. Using Fujifilm's proprietary "Double Noise Reduction" image processing and Face Detection technology, it captures and retouches your portraits all in camera.

## "A" and "S" Modes for the Creative at Heart

"A" Aperture-priority and "S" Shutter-priority auto exposure modes let you explore your creativity. Choose "A" mode and add drama to your photos by increasing or decreasing depth of field. "S" mode gives action shots a new dimension by freezing motion or creating a motion blur.



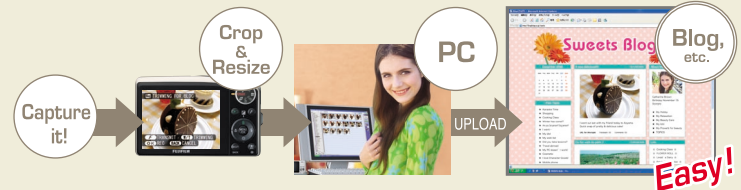
A Aperture-priority Auto



S Shutter-priority Auto

## Blog mode

Just choose "Blog mode" and images are resized in your camera and ready for posting to your blog or attachment to e-mail to share with friends and family.



## IrSimple™ for Wireless Communication

The F50fd is fitted with the latest high-speed infrared connectivity, meaning you can copy pictures to another IrSimple™ camera in a couple of seconds, without the need for a cable or PC.

\*IrSimple™ trademark is owned by the Infrared Data Association®.



## xD/SD Compatible Slot

The versatile card slot is compatible with ultracompact xD-Picture Cards and both standard and high-capacity Secure Digital (SD) memory cards.

